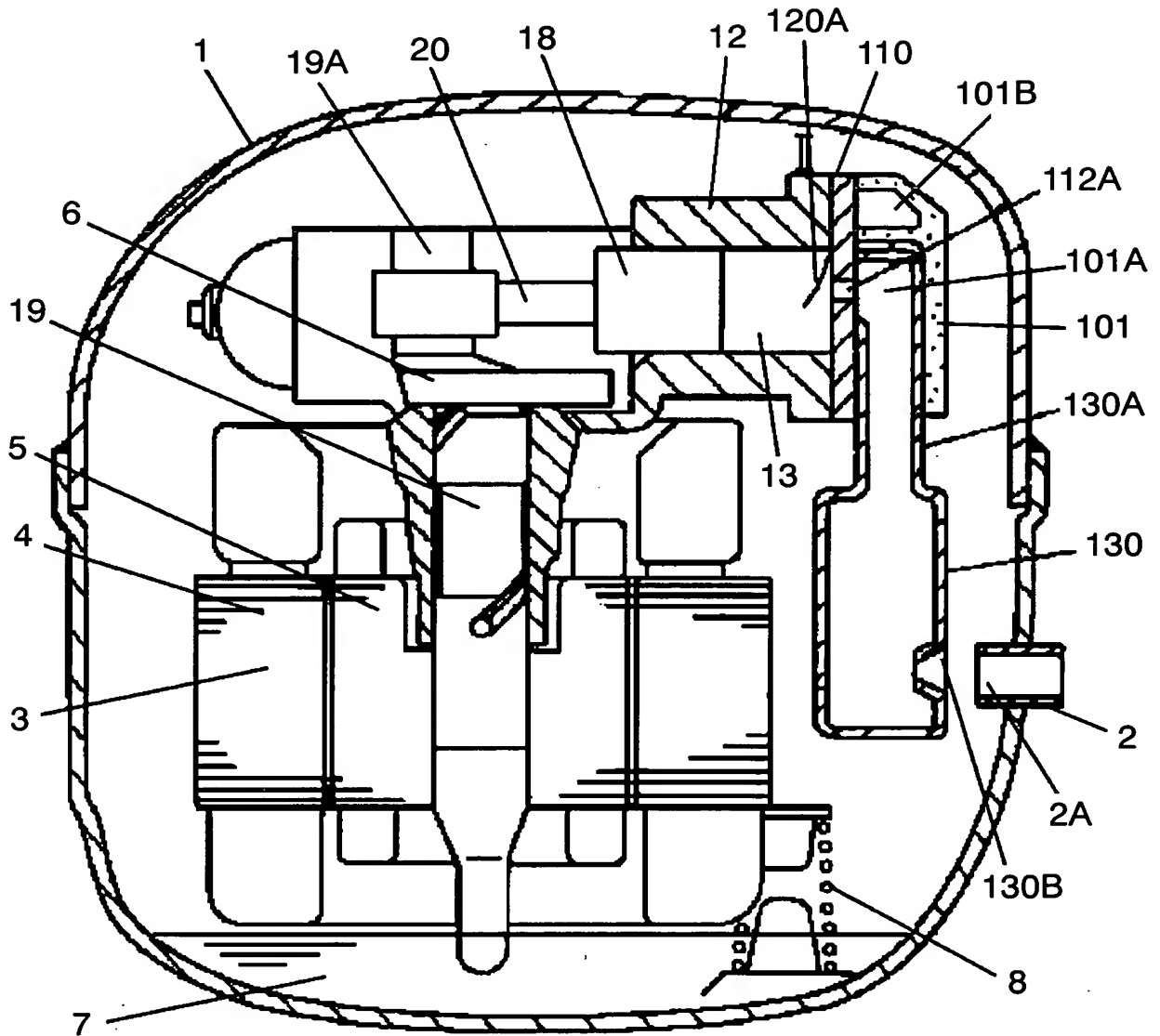


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FIG. 1



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FIG. 2

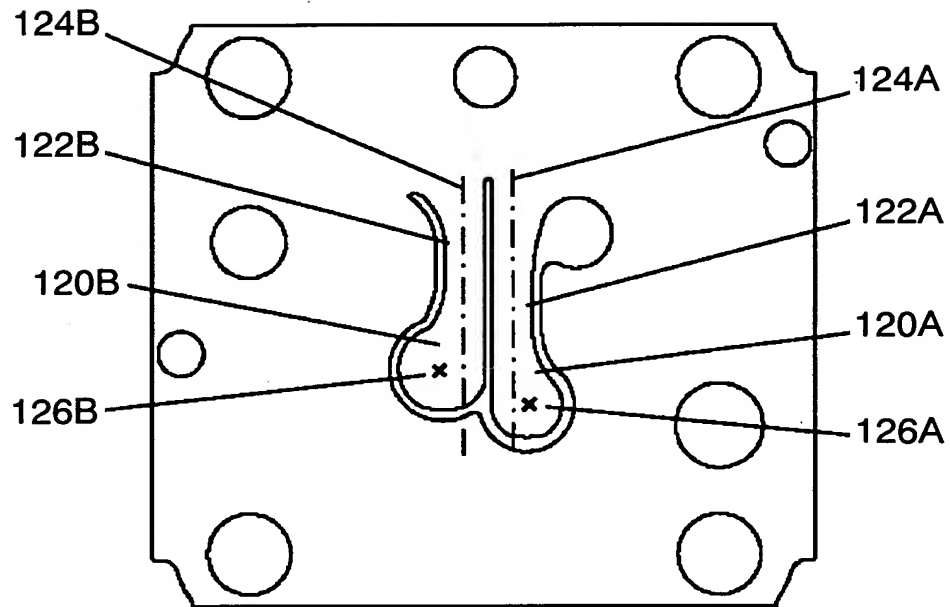
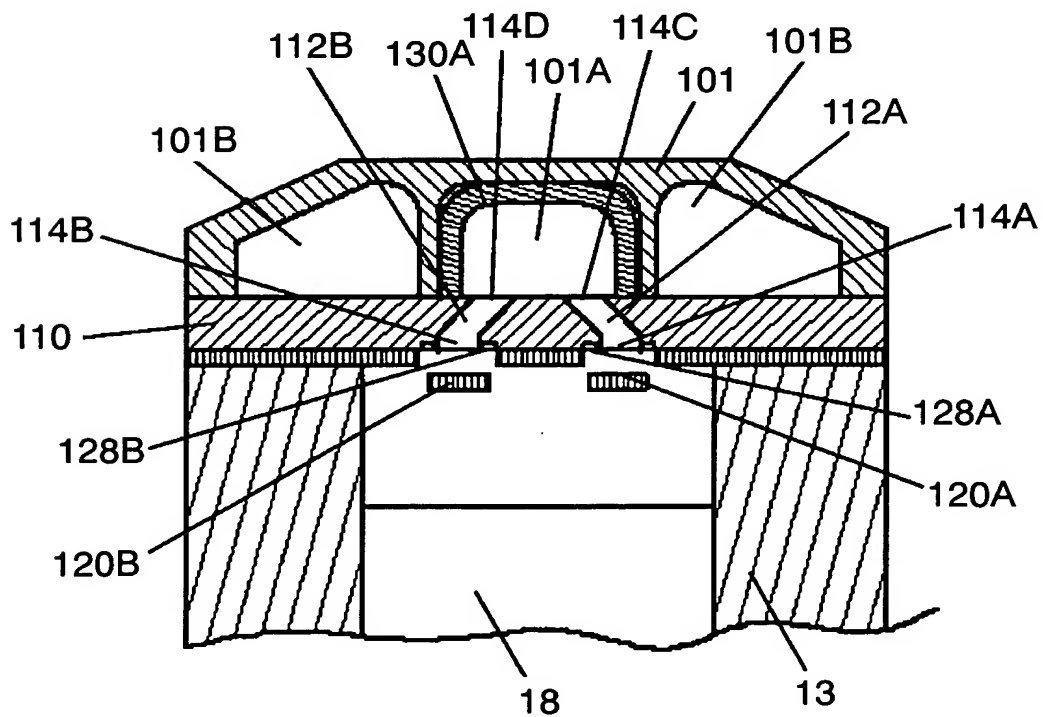


FIG. 3



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FIG. 4

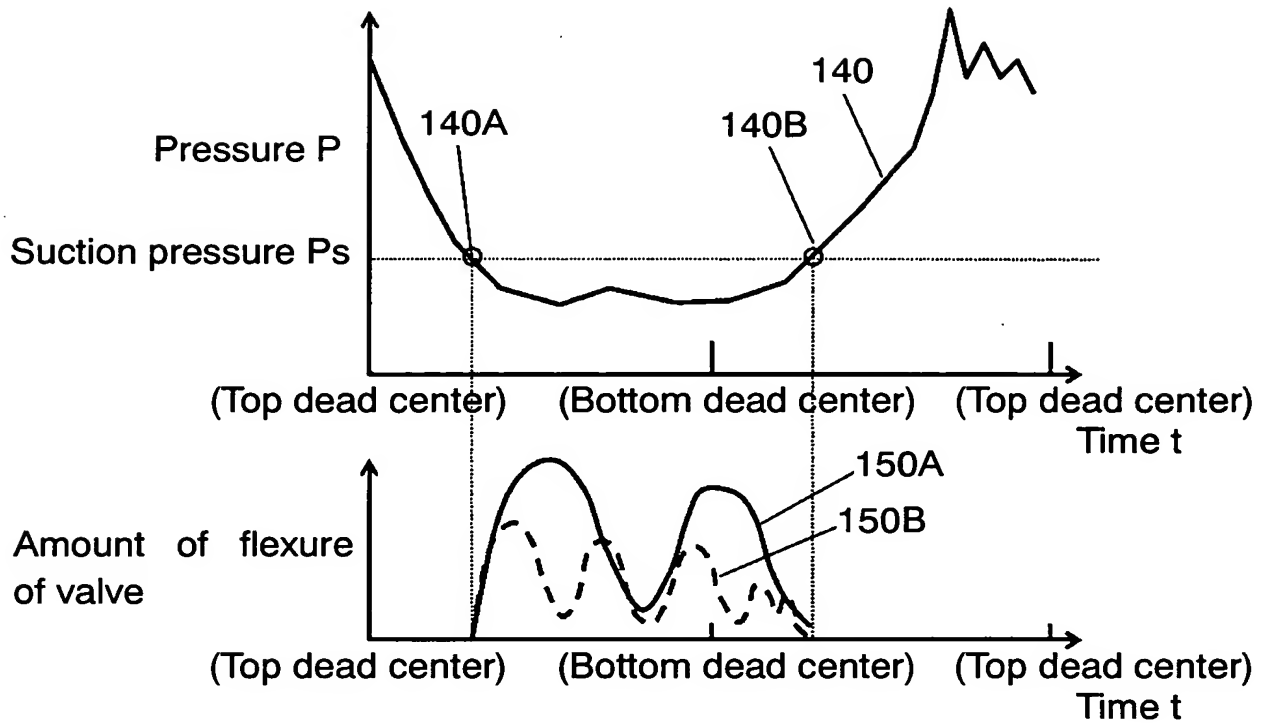
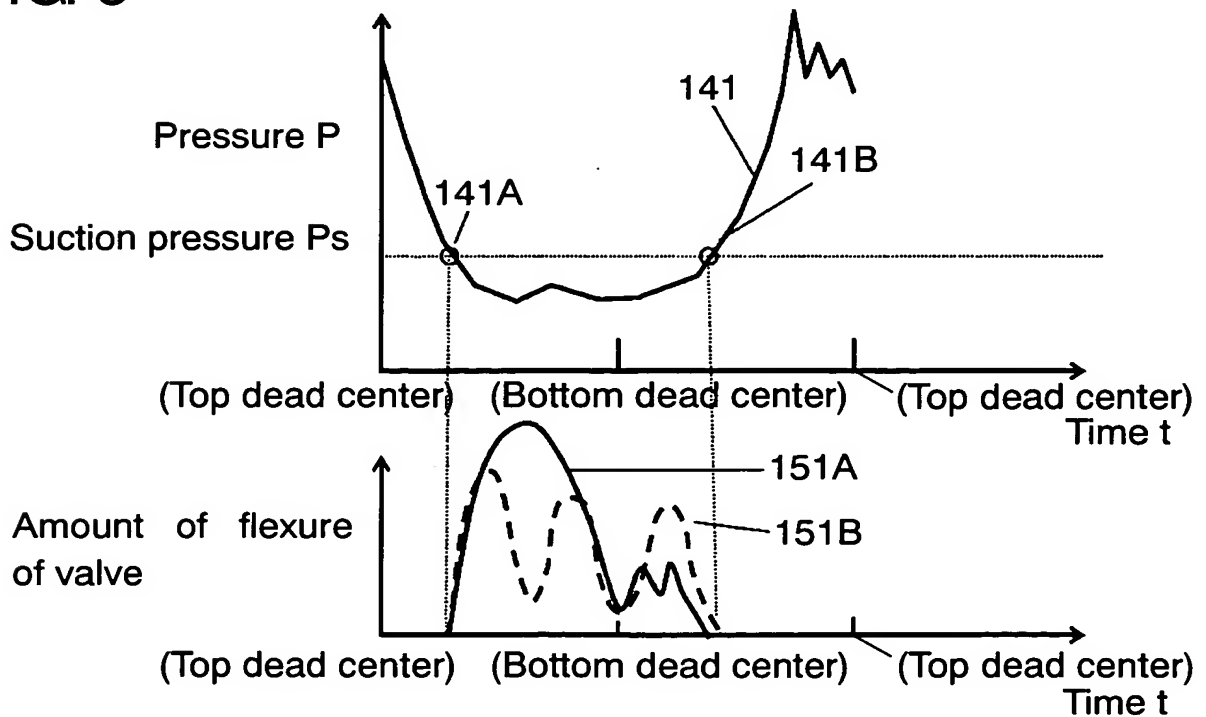


FIG. 5



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FIG. 6

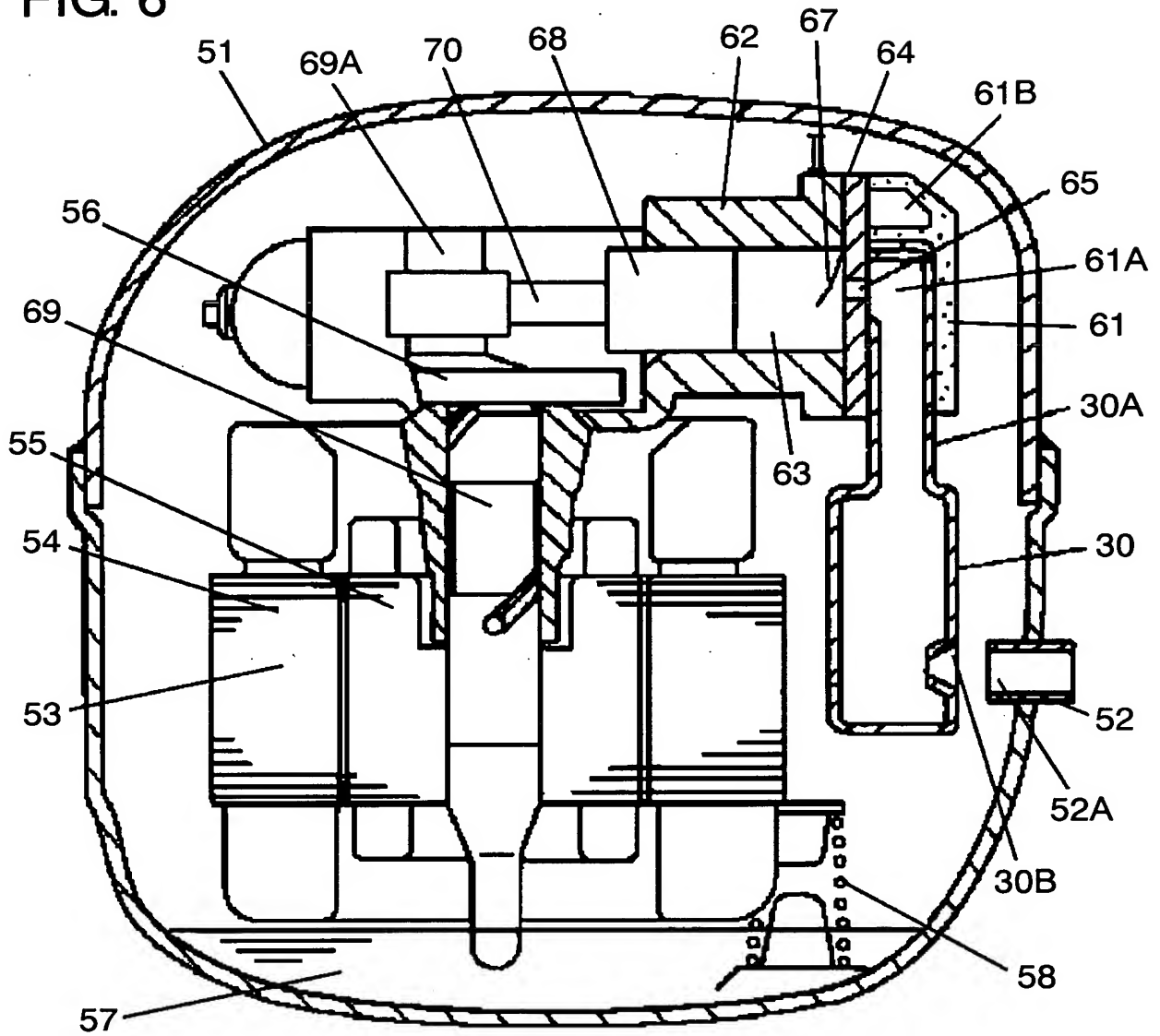
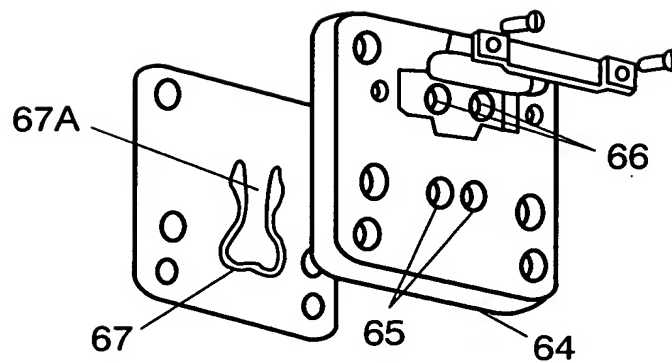


FIG. 7



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Reference marks in the drawings

- 1 hermetic container
- 2 suction tube
- 2A outlet port
- 3 motor
- 4 stator
- 5 rotor
- 6 compression part
- 7 refrigerating machine oil
- 8 coil spring
- 12 cylinder block
- 13 cylinder
- 18 piston
- 19 crank shaft
- 19A eccentric part
- 20 connecting rod
- 30 suction muffler
- 30A communicating tube
- 30B inlet port
- 51 hermetic container
- 52 suction tube
- 52A outlet port
- 53 motor
- 54 stator
- 55 rotor
- 56 compression part
- 57 refrigerating machine oil
- 58 coil spring
- 61 cylinder head
- 61A suction space
- 61B discharge space
- 62 cylinder block
- 63 cylinder
- 64 valve plate
- 65 suction hole

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66 discharge hole
67 suction reed valve
67A deformation part
68 piston
69 crank shaft
69A eccentric part
70 connecting rod
101 cylinder head
101A suction space
101B discharge space
110 valve plate
112A, 112B suction hole
114A, 114B, 114C, 114D opening portion
120A, 120B suction reed valve
122A, 122B deformation part
124A, 124B centerline
126A, 126B working point of gas pressure load
128A, 128B seal part
130 suction muffler
130A communicating tube
130B inlet port
140, 141 pressure
140A, 140B, 141A, 141B point
151A, 151B opening and closing operation